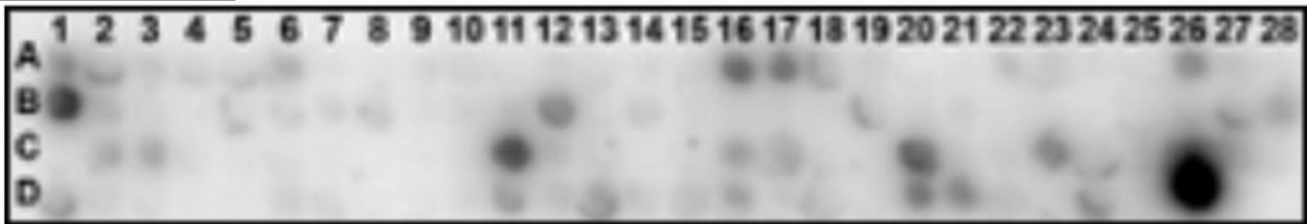


Klahowya Tammy and Tammy,

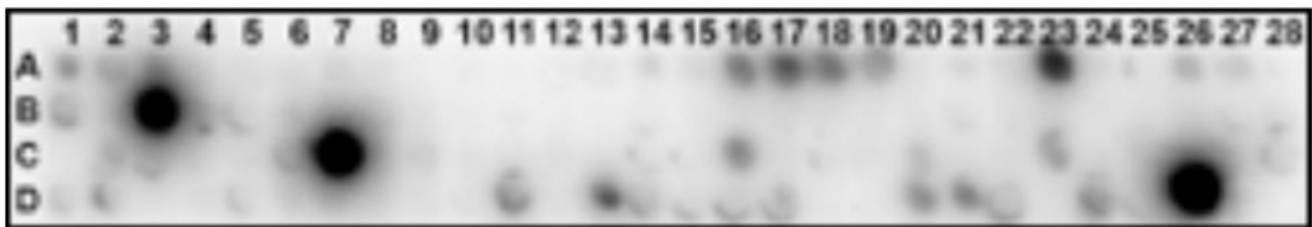
Thank you for being willing to participate in our study to develop a sensitive and accurate test for immunity to COVID-19. Based on our tests, it seems that you both have several antibodies that will recognize the SARS-CoV-2 virus. We are still working to determine which of these are neutralizing. The most protective antibodies (which target the spike protein) are in the top A row. There will be plasma or memory B-cells that will rapidly produce new antibodies whenever you have a re-infection of the virus in the future.

I am providing images of your results with the 120 markers test with our current SARS-CoV-2 virus protein peptide array, which incorporated the best viral antigens that we identified out of about 5000 that we tested to date. We have now reduced the number of markers to 42 for simpler test, but we decided to use our earlier test on your blood samples.

T.M.



T.P

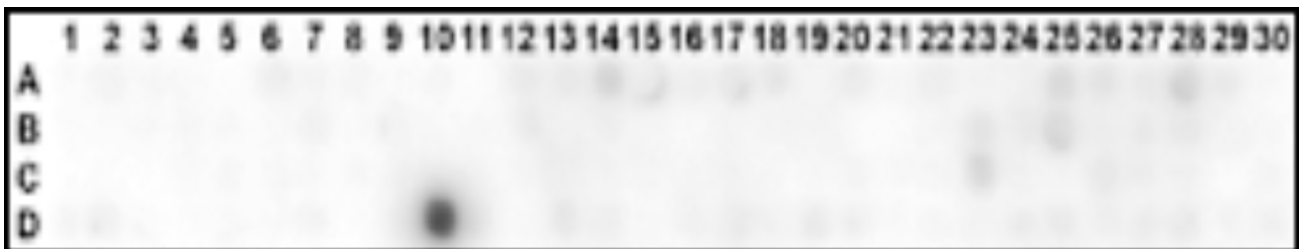


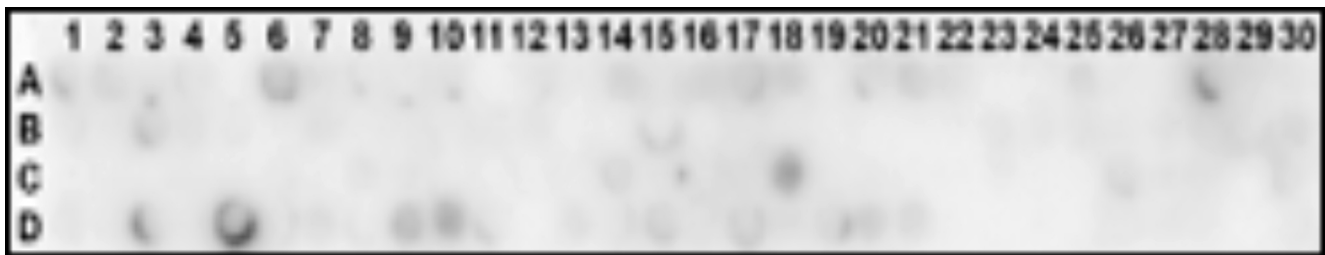
To put your results in context, I have also attached the images of the same test performed with blood samples from 6 people who tested COVID-19 positive with the genetic test. (SEE BELOW) There is an amazing variability amongst the more than 32 COVID-19 positive serum samples that we tested. This could be one of the reasons that many of the existing serological tests give false-negatives and possibly false positives. Spot 26D is a control spot in the latest test that lets us know that the developing reagents are working, and is not indicative of antibody protection (in some of the earlier test blots this is D29).

Feel free to call me at 604-218-2019 if you have any questions.

:) Best wishes from Steve.

The images of the same test performed with blood samples from 6 people who tested COVID-19 positive with the genetic test. (My*note, I only show 3 of the 6 examples to keep file small)





***"Klahowya" is the Chinook jargon greeting that is roughly translated "hello and how are you?" Chinook is a pidgin language that was commonly used for several hundred years as the main form of communication between West Coast natives of North America and European traders and explorers. In view of its origins from the Chinook, Nuuchanuulth, French and English languages, and its historical importance, it is my preferred form of salutation in these politically correct times.

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